



IOWA DEPARTMENT OF NATURAL RESOURCES

Water Supply News

Environmental Services

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EPA Releases Risk Assessment and Emergency Response Plan Materials

The America's Water Infrastructure Act (AWIA), signed on October 23, 2018, has a requirement for certain public water supply systems to complete a risk assessment and update their emergency response plan, and certify these two activities to EPA. In Iowa, there are 150 community public water supply systems (CWS) that serve more than 3,300 people, and are required to comply with this law. Each CWS must certify to EPA that the system completed the Risk Assessment and that it updated the Emergency Response Plan. The review of the system's assessment and plan, and certifications to EPA, are due every five years thereafter. Please note that the system population includes the population of any consecutive systems.

EPA has just released several materials that will help systems accomplish these tasks on their [website](#).

- The [Vulnerability Self-Assessment Tool](#), or VSAT, has been updated to version 2.0. The assessment is an "all-hazards" assessment.
- The "[Baseline Information on Malevolent Acts for Community Water Systems](#)" is also available. From EPA, "By using this document, systems can identify and take steps to reduce the risk that a specific system will experience if one of these threats occurs or deter a threat from occurring. By assessing threats, systems across the country can identify, prepare for and manage any risks they may have by adopting an "all-hazards" approach. The information included in this document is not a threat analysis for a specific system and it should not be used as such. The values are intended to serve as a starting point for systems to consider when they are estimating the threat likelihood of malevolent acts as part of a risk and resilience assessment." The all-hazards approach:
 - Identifies, deters, detects, and prepares for these threats.
 - Reduces vulnerabilities of critical assets.
 - Mitigates the potential consequences of incidents that do occur.
- [Emergency Response Plan Guidance and templates](#) are now available.

- Guidance on [how to complete the certification](#). There are three options for completing the certification requirements:
 - secure online portal
 - email
 - postal mail

In 2002, certain systems, primarily CWS serving 3,300 or more people, were required to conduct terrorism vulnerability assessments as part of the Bioterrorism Act. If you want the plan which was submitted for your system to be returned to you, there are specific steps outlined on this webpage, under “[Final Disposition of Bioterrorism Act Vulnerability Assessments](#).” If a system does not wish to have it returned, it will be destroyed after the date when the new Emergency Response Plan must be certified.

EPA will be administering and implementing these provisions nationally.

Reminder of dates:

Population Served*	Risk Assessment Certification Due Date:	Emergency Plan Certification Due Date:
more than 100,000	March 31, 2020	September 30, 2020
50,001-100,000	December 31, 2020	June 30, 2021
3,301-50,000	June 30, 2021	December 31, 2021

* Population includes both the system’s population plus the population of any consecutive systems to which it provides water.

FY 2020 Q2 IUP updates Ready for Public Review

The Fiscal Year 2020 Intended Use Plan (IUP) Second Quarter Update for the Clean Water State Revolving Fund (CWSRF) and the Drinking Water State Revolving Fund (DWSRF) are now available for public review and comment at the following locations:

- [Clean Water SRF](#)
- [Drinking Water SRF](#)

The IUPs cover the period of July 1, 2019 - June 30, 2020. Public comments are welcome. Draft project lists are also available for review.

A public hearing is scheduled for Thursday, Aug 8, 2019, in the Wallace State Office Building, 502 E. 9th Street, Des Moines, IA. The meeting will be held in the 5th floor East conference room at 10:00 a.m. Participants should check in at the 4th floor DNR reception desk. Written comments will be accepted through Thursday, Aug 15, 2019. It is anticipated that the Iowa Environmental Protection Commission will act on the IUPs at their September 17, 2019, meeting.

Questions and written comments should be directed to Theresa Enright, SRF Coordinator, theresa.enright@dnr.iowa.gov.

Water Use Annual Permit Fee on August 20th EPC Agenda

The proposed Water Use Annual Permit Fee is on the agenda for the Environmental Protection Commission (EPC) at its August business meeting on August 20, 2019. The meeting will begin at 10 a.m. in Des Moines at the Capitol, Room 116. The \$95.00 proposed fee will be presented for approval. The agenda brief is available [here](#) under Upcoming Meeting: "EPC Packet and Agenda;" the water use annual fee agenda item is Item 8.

How to Avoid a Monitoring Violation

The easiest way to avoid a monitoring violation is to sample on time, according to the schedule in your operation permit. Check your operation permit for summertime sampling that can be overlooked:

- Lead and Copper, often sampled between June 1 and September 30
- TTHM and HAA5, sampled according to your operation permit, in the warmest month (unless you're on quarterly frequency)

While you've got your permit in hand, look at the rest of the sampling required this year and make sure your lab is aware of it so that you have the bottles you need on hand when you need to collect the samples!

If you have any questions, contact the person listed in your operation permit.

Iowa DNR WS Staff Speaking Engagements

Iowa DNR staff in the water supply program areas are scheduled to speak at the following events. The date, sponsor and event, location, subject, and contact for more information are listed.

- August 27-28, IA-AWWA Fall Short Course, DMACC-FFA Center, Ankeny "Ethics and the Value of What You Do; DNR WS Rules Update; Using Temporary Water Lines During Water Main Construction Projects Panel; Manganese Sampling Protocol." [Agenda and registration](#)
- September 17-18, IRWA – Okoboji, "MO River Flooding & Drinking Water Experience; Manganese testing; DNR WS Update." [Information and registration](#).
- October 9, IA-AWWA Region 3, Storm Lake, "DNR WS Update; Manganese testing." [Registration \(when it's available\)](#).
- October 10, IA-AWWA Region 2, Mason City, "DNR WS Update." Registration not yet available.
- October 15-16, IRWA – Dubuque, "MO River Flooding & Drinking Water Experience; Manganese testing; DNR WS Update." [Information and registration](#).

- October 22-24, AWWA Annual, Ames, “The Good, the Bad, and the Really Ugly – Flooding Experience; Manganese testing; DNR WS Update.” [Information and registration \(when it's available\)](#).
- November 19-21, IAMU Water and Wastewater Operator’s Workshop, Des Moines, “Southwest Iowa Flooding Event.” Information and registration not yet available.

For other professional development opportunities, see the “Training Calendar” at programs.iowadnr.gov/opcertweb/.